



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: June 15, 1983

EPA Region 5 Records Ctr.



296344

TO: File/USEPA Region V

FROM: Claude E. Mays III/Paul Shea

SUBJECT: Preliminary Assessment

Illinois/TDD#R5-8212-01A--20

Decatur/Borg-Warner Corporation,

Marv Scheb Tillotson Division - ILD005077250

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. U. S. Environmental Protection Agency Erris files,
2. Region V - Chicago
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

- 1.
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

1. Groundwater analyses - groundwater contamination
2. Soil contamination
3. Waste quantity, and characteristics

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Groundwater / Soil Samples - Heavy metals, the solvent may have been washed out of the system
2. (soil and groundwater complex).
- 3.
- 4.
- 5.

Suggested methods/sources for obtaining additional information are:

1. If priority assessment is determined to be high or medium, a hydrogeological study should be completed.
2. Check with company if they have any files on waste
3. quantity/characteristics.

Notice of an apparent need for emergency action was transmitted to N/A on N/A

by N/A.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D005077250

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) MARVEL-SCHUELER TILLOTSON DIV. 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 2195 S. ELWIN ROAD

03 CITY DECATUR 04 STATE IL 05 ZIP CODE 62525 06 COUNTY MACON 07 COUNTY CODE 115 08 CONG DIST 21

09 COORDINATES LATITUDE 39°49'22.5"N LONGITUDE 089°57'43.0"W TOPO MAP: DECATUR QUAD.

10 DIRECTIONS TO SITE (Starting from nearest public road)
48 TO 47 EAST. FOLLOW 47 TO ELWIN ROAD AND TURN RIGHT (SOUTH). SITE ON RIGHT SIDE ALONG R.R. TRACKS.

III. RESPONSIBLE PARTIES

01 OWNER (If known) BORG WARNER CORP. 02 STREET (Business, mailing, residential) 2195 S. ELWIN ROAD

03 CITY DECATUR 04 STATE IL 05 ZIP CODE 62525 06 TELEPHONE NUMBER (217) 428-4631

07 OPERATOR (If known and different from owner) MR. TOM QUICK PLANT ENGINEER 08 STREET (Business, mailing, residential) 2195 S. ELWIN ROAD

09 CITY DECATUR 10 STATE IL 11 ZIP CODE 62525 12 TELEPHONE NUMBER (217) 428-4631 EXT: 294

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☒ A. RCRA 3001 DATE RECEIVED: 8/18/80 MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 6/22/81 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☐ YES DATE / / MONTH DAY YEAR
☒ NO
BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: (Specify)
CONTRACTOR NAME(S):

02 SITE STATUS (Check one)
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN
03 YEARS OF OPERATION
BEGINNING YEAR 1950 ENDING YEAR 1974 ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
SOLVENTS (TOXIC)
HEAVY METALS (TOXIC, PERSISTENT)
ACIDS - BASES (TOXIC, CORROSIVE)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Monte Nienkirk 02 OF (Agency/Organization) Illinois EPA, Springfield 03 TELEPHONE NUMBER (217) 786-6892
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY 06 ORGANIZATION 07 TELEPHONE NUMBER () 08 DATE / / MONTH DAY YEAR



1 I HIGHLY VOLATILE
2 J EXPLOSIVE
3 K REACTIVE
4 L INCOMPATIBLE
5 M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D005077250

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 88,600 04 NARRATIVE DESCRIPTION

Prior to 1974, all industrial wastewater (plating room, cooling, & sanitary effluent) flowed to two sand filter beds and a sludge settling basin which then filtered down into the ground and ran into Spring Creek tributary.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

"Filtered" water enter Spring creek tributary prior to 1974 - no analyses to determine "filtered" water characteristics. Spring Creek tributary may still be getting polluted when storm water run-off enters the abandoned waste treatment sys.
NOTE: DEPENDS ON WASTE CHARACTERISTICS (SOLUBILITY, ETC.)

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: ~.35 04 NARRATIVE DESCRIPTION
(Acres)

This is due to the treatment scheme used at the site. The soil may contain elevated concentrations of heavy metals due to the plating room wastewater. The solvents have probably been flushed out of the sys.(soil) due to the creek location.

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE - Surface water intake upriver from site

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

NONE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D005077250

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

NONE

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

NONE

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

NONE

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

NONE

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

NONE

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

In 1974 the company hooked up to the sewer system. All waste water now enters the sewer system. It is assumed they have an agreement with the city on heavy metals concentration and that there is no incompatible pollutants that would damage the WWTP.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

NONE

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 88600

IV. COMMENTS

Industrial wastewater treatment system consisting of 2 sand filters, sludge settling basin, and limited "landfarming" treatment. No information if any sludge was removed from site for disposal and the sludge characteristics.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

U.S. EPA ERRIS FILES - REGION II : CHICAGO